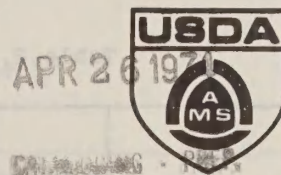


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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
MARKET NEWS SECTION — COTTON DIVISION
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United States Cotton Quality Report For Ginnings Prior To September 1, 1972

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Upland cotton ginned in the United States prior to September 1 this season contained the smallest proportion of Middling and higher White grades on record, according to the Department of Agriculture, Agricultural Marketing Service. Five percent of the total ginnings was in these higher grades. The Light Spotted grades accounted for the largest proportion of ginnings through August 31 in eight years. Cotton stapling 1-1/16" and longer comprised a somewhat larger percentage of this season's early ginnings than a year ago. Micronaire test results indicate that cotton in the 3.5-4.9 mike category accounted for 79 percent of ginnings against 84 percent a year earlier. Fiber strength averaged 82,000 pounds per square inch compared with 85,000 pounds last season.

Middling and higher White grades comprised five percent of ginnings prior to September 1 this season. This is the smallest percentage of these higher grades for any comparable period on record. Low Middling accounted for 19 percent of total ginnings, the largest percentage on record. The Light Spotted and other Colored grades were equivalent to 44 percent of this season's ginnings prior to September 1 compared with 32 percent last season. The grade index of upland cotton ginned through August 31 this season was 88.5 (Middling White=100) against 89.8 for the same period a year earlier.

The lengths shorter than one inch accounted for 12 percent of ginnings through August 31. This compares with last season's record-low proportion of nine percent in these shorter staples. Cotton stapling 1" and 1-1/32" was equivalent to 32 percent of early ginnings against 38 percent in the previous season. The staples 1-1/16" and longer comprised 57 percent of ginnings prior to September 1 compared with 53 percent in the corresponding period a year earlier. The average staple was 33.2 thirty-seconds inches, the same as a year ago.

Cotton ginned prior to September 1 this season totaled 521,000 bales, according to the Bureau of the Census. This compares with 365,000 bales ginned to the same date last season and 280,000 bales two years ago. As usual, cotton ginned in the early producing sections of Texas accounted for virtually all of the cotton ginned prior to September 1.

Table 1. Specified measures of quality for upland ginnings 1/

Item	August 1-31		Season through August 31	
	1971	1972	1971	1972
Grade index (Mid. White=100)	87.4	88.5	89.8	88.5
Average staple, 32nd inch	33.3	33.2	33.2	33.2
Rough preparation, percent	*	*	*	*
Tenderable, percent 2/	44.9	40.7	55.0	41.7
Average mike reading	4.5	4.4	4.6	4.4
Average fiber strength (Mpsi)	85.5	82.7	85.4	82.4

1/ Data for current season are preliminary.

2/ Tenderable for grade and staple and mike in settlement of futures contracts.

* Less than 0.05 percent.

Table 2. Upland cotton ginned in the United States, by grade 1/

Grade		August 1-31				Season through August 31			
Code		1971	1972	1971	1972	1971	1972	1971	1972
		<u>Bales</u>	<u>Bales</u>	<u>Percent</u>	<u>Percent</u>	<u>Bales</u>	<u>Bales</u>	<u>Percent</u>	<u>Percent</u>
<u>White</u>									
G.M.	(11)	-	-	-	-	-	-	-	-
S.M.	(21)	177	422	0.1	0.1	748	490	0.2	0.1
M.+	(30)	-	-	-	-	-	-	-	-
M.	(31)	17,657	24,098	7.3	5.0	42,451	25,270	11.6	4.9
S.L.M.+	(40)	879	1,557	0.4	0.3	2,179	1,625	0.6	0.3
S.L.M.	(41)	65,934	134,988	27.2	28.2	132,997	145,587	36.6	28.0
L.M.+	(50)	1,187	3,440	0.5	0.7	2,815	3,825	0.8	0.7
L.M.	(51)	43,453	89,244	18.0	18.6	51,461	99,867	14.1	19.2
S.G.O.+	(60)	162	214	0.1	*	162	308	*	0.1
S.G.O.	(61)	12,839	12,854	5.3	2.7	12,917	13,615	3.5	2.6
G.O.+	(70)	-	38	-	*	-	38	-	*
G.O.	(71)	1,696	1,148	0.7	0.2	1,696	1,174	0.5	0.2
<u>Light Spotted</u>									
G.M.	(12)	-	-	-	-	-	-	-	-
S.M.	(22)	52	42	*	*	141	51	*	*
M.	(32)	9,954	23,428	4.1	4.9	17,780	23,975	4.9	4.6
S.L.M.	(42)	39,066	107,255	16.1	22.3	48,806	116,579	13.4	22.4
L.M.	(52)	31,775	57,954	13.1	12.1	32,240	63,078	8.8	12.1
<u>Spotted</u>									
G.M.	(13)	-	-	-	-	-	-	-	-
S.M.	(23)	15	-	*	-	15	-	*	-
M.	(33)	129	958	0.1	0.2	303	1,018	0.1	0.2
S.L.M.	(43)	1,115	7,567	0.5	1.6	1,289	8,063	0.4	1.5
L.M.	(53)	4,066	8,803	1.7	1.8	4,182	9,222	1.1	1.8
<u>Tinged 2/</u>	(14-54)	126	101	*	*	126	119	*	*
<u>Stained 2/</u>	(15-35)	-	-	-	-	-	-	-	-
<u>Light Gray</u>									
G.M.	(16)	-	-	-	-	-	-	-	-
S.M.	(26)	-	76	-	*	19	76	*	*
M.	(36)	772	719	0.3	0.1	1,218	899	0.3	0.2
S.L.M.	(46)	1,684	328	0.7	0.1	1,684	388	0.5	0.1
<u>Gray</u>									
G.M.	(17)	-	-	-	-	-	-	-	-
S.M.	(27)	-	-	-	-	-	-	-	-
M.	(37)	85	101	*	*	85	101	*	*
S.L.M.	(47)	194	25	0.1	*	194	42	0.1	*
Below Grade 3/		8,958	5,183	3.7	1.1	8,997	5,286	2.5	1.0
All grades		241,975	480,543	100.0	100.0	364,505	520,696	100.0	100.0

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent.

Table 3. Upland cotton ginned in the United States, by staple 1/

Staple Code (32nd inches)	August 1-31				Season through August 31			
	1971	1972	1971	1972	1971	1972	1971	1972
	<u>Bales</u>	<u>Bales</u>	<u>Percent</u>	<u>Percent</u>	<u>Bales</u>	<u>Bales</u>	<u>Percent</u>	<u>Percent</u>
26 and shorter	-	13	-	*	-	13	-	*
28	255	88	0.1	*	255	88	0.1	*
29	3,052	2,585	1.3	0.5	3,139	2,585	0.9	0.5
30	13,674	23,042	5.7	4.8	14,680	23,059	4.0	4.4
31	12,389	34,178	5.1	7.1	15,248	34,306	4.2	6.6
32	14,687	36,397	6.1	7.6	35,420	37,107	9.7	7.1
33	44,717	121,606	18.5	25.3	102,206	126,696	28.0	24.3
34	147,224	253,906	60.8	52.8	186,834	284,906	51.3	54.8
35	5,880	8,463	2.4	1.8	6,626	11,645	1.8	2.2
36	97	252	*	0.1	97	278	*	0.1
37	-	13	-	*	-	13	-	*
38	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-
40 and longer	-	-	-	-	-	-	-	-
All staples	241,975	480,543	100.0	100.0	364,505	520,696	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 4. Percentage of ginnings reduced in grade, by specified causes, prior to September 1, 1972 with 1971 comparisons, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1971	1972	1971	1972	1971	1972	1971	1972
	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Pct.</u>
Texas	6.4	4.9	0.5	5.6	*	*	6.9	10.5
United States	6.4	4.9	0.5	5.6	*	*	6.9	10.5

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 7. Percentage distribution of micronaire readings for upland ginnings prior to September 1, 1972 with 1971 comparisons, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals					Average mike		
	1971	1972	Pct.	Pct.	1971	1972	Pct.	Pct.	1971	1972	Pct.	Pct.	1971	1972	Pct.	Pct.	1971	1972	Pct.	Pct.	1971	1972	Pct.	Pct.		
																									Below 3.5	3.5-4.9
S. C.	-	-	-	-	-	-	-	-	7.7	-	92.3	-	-	-	-	-	-	-	100.0	-	-	-	-	4.1	-	
Ga.	-	-	-	-	-	-	-	-	6.1	-	69.6	-	24.3	-	-	-	-	-	100.0	-	-	-	-	4.3	-	
Ala.	-	-	-	-	-	-	-	-	-	-	61.5	-	38.5	-	-	-	-	-	100.0	-	-	-	-	4.5	-	
Miss.	-	-	-	-	-	-	-	-	-	-	25.0	-	75.0	-	-	-	-	-	100.0	-	-	-	-	4.6	-	
La.	-	-	-	-	-	-	-	-	-	-	56.2	-	43.8	-	-	-	-	-	100.0	-	-	-	-	4.4	-	
Tex.	*	0.1	0.2	1.1	0.5	2.8	0.7	2.6	5.3	13.1	28.8	33.7	49.7	32.5	12.6	10.6	2.2	3.5	1.4	6.6	83.8	79.3	14.8	14.1	4.6	4.4
Ariz.	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	4.6	-	
Other	-	-	-	-	-	-	-	-	-	7.2	14.2	92.8	40.9	-	44.9	-	-	-	100.0	100.0	-	-	-	4.1	4.4	
U. S.	*	0.1	0.2	1.1	0.5	2.8	0.7	2.5	5.3	13.1	28.9	33.8	49.6	32.5	12.6	10.6	2.2	3.5	1.4	6.5	83.8	79.4	14.8	14.1	4.6	4.4

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 8. Percentage distribution of fiber strength for upland cotton ginnings, prior to September 1, 1972 with 1971 comparisons by states 1/

State	Zero Gage Fiber Strength (Mpsi)																Average strength				
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above		1971	1972	
	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972	1971	1972			
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi	
Tex.	-	-	-	0.3	3.2	0.6	3.2	11.0	22.9	33.6	42.2	33.9	25.5	16.9	5.5	3.6	0.4	0.4	*	85.4	82.4
U. S.	-	-	-	0.3	3.2	0.6	3.2	11.0	22.9	33.6	42.2	33.9	25.5	16.9	5.5	3.6	0.4	0.4	*	85.4	82.4

1/ Data for current season are preliminary.

* Less than 0.05 percent.

